

> 40RL838

Full HD, LED-TV



Edge LED Backlight, AutoView and Resolution+, a digital tuner and all common interface connections are included into the 40RL838 (102 cm diagonal screen size).



In LED televisions, LEDs (Light Emitting Diodes) are used for backlighting purposes. When LEDs are used in televisions, they vastly improve picture quality and lower power consumption.

LED TV

**FULL
HD**
1920x1080

Full HD televisions are capable of displaying the full high-definition resolution level of 1920 x 1080 pixels.

HbbTV

With HbbTV you have the possibility to access additional information to the TV-programme.

DUALTUNER

Next to an analogue tuner, this TV also offers a tuner for DVB-T and DVB-C.

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HbbTV

DUALTUNER

> Picture

Diagonal Screen Size (cm / inch)	102/40
Visible Area (H x V)	885,6 x 498,15
Screen Format	16:9
Panel Resolution	1920 x 1080
Brightness (cd/m2)	400
Dynamic Contrast Ratio	3.000.000:1
Response Time (G to G) (ms)	8
Viewing Angle (°)	178
LED-TV	Yes
LED Edge	Yes
Full HD - High Definition 1080p	Yes
100 Active Motion Rate (AMR) / Frame Refresh Rate	Yes
24p Mode: Standard Smooth	Yes
Real Digital Picture	Yes
Digital Noise Reduction	Yes
MPEG Noise Reduction	Yes
3D Digital Comb Filter	Yes
Active Backlight Control	Yes
3D Colour Management	Yes
Colour Temperature selectable	Yes
Manual picture size select	Yes
Exact Scan Mode	Yes

> Picture Mode

AutoView	Yes
Dynamic	Yes
Game	Yes
Movie	Hollywood 1&2
PC	Yes
Standard	Yes
Store	Yes

> Expert Settings

Pre-Sets: Hollywood	Yes
Mode 1 & 2 (Day/Night Mode)	
3D Colour Management	Yes
Gamma Settings	Yes

> Audio

NICAM Stereo	Yes
Dolby Digital Plus	Yes

Sound Output (RMS) W 2 x 10

> Tuning

TV Standards	PAL I/BG/DK; SECAM BG/DK/L, NTSC BG 4.43
Number of Channels	ATV (100), DTV (9999)
Analogue	Yes
DVB-T	Yes
DVB-C / DVB-C (HD)	Yes
H.264	Yes
DVB Common Interface+ (CI+)	Yes
NTSC Video-Playback	Yes
Auto Set-up	Yes

> Interactive Features

Digital Text	Yes
Text Page Memory	500
Electronic Programme Guide 8 Day	Yes
Now and Next Information	Yes

> USB-Features

Picture (USB)	Yes
Audio (USB)	Yes
Video (USB)	Yes

> Smart-TV

Wireless Ready (Toshiba WiFi Dongle required)	Yes
DLNA	Yes
DLNA DMP	Yes
You Tube Channel	Yes (LeanBack)
HbbTV	Yes
Toshiba Places	Yes

> Other Features

Freeze Screen	Yes
Timer	Yes
Panel Lock	Yes
Auto Format	Yes
4:3 stretch	Yes
No Signal Off	Yes
Clone Mode	Yes

> Connections

HDMI	3
1080p, 1080i, 720p, 720i, 576p, 576i, 480p, 480i 24Hz (24p)	Yes Yes

Version 1.4 Audio Return Channel HDMI Ethernet Channel Audio Content Enhancement 3D	tbc - - -
LAN	Yes
Component Video	Yes
Composite Video	Yes
SCART	Yes
SCART (RGB S-Video AV)	Yes Nein Yes
PC Input	Yes
USB	Yes
Number of USB	1
Digital Audio Out	Yes
Headphone	Yes

> Power Supply

Line Voltage	220-240 V / 50-60 Hz
Power Consumption	62
EN62087 - Home Mode (W)	
Power Consumption	89
EN60065 - Maximum power (W)	
Power Consumption - Stand-by (W)	0.3
Yearly energy consumption (average)	90.52

> Eco

EU Eco Label	Yes
Energie Label	A
Presence of Lead (Below RoHS Directive limit including exemptions)	Yes
Mercury Content	<0,1 mg/kg

> Dimensions

Width (mm)	923
Height without Ped.Stand (mm)	562
Height with Ped.Stand (mm)	618
Depth without Ped.Stand (mm)	Panelbereich: 38,7 / Unten: 57
Depth with Ped.Stand (mm)	194
Packed width (mm)	1116
Packed depth (mm)	111
Packed height (mm)	631

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> Cabinet

Wall Mountable (VESA)	400 x 400 (M8)
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> Accessories (included in carton box)

Remote Control (Type)	CT-90386
Remote Control Battery	R03(AAA) x 2
TV Stand Integrated	Yes
Instruction Manual	Yes

> Accessories (optional)

USB wireless Dongle	Yes
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> EAN

EAN	5900496517264
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